IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1-15 and 17-21 in accordance with the following:

1. (Currently Amended) ~~An~~A computer-implemented method for generating NC data ~~generation method~~ for machining, comprising:

generating NC data to machine a first portion of an object, said first portion specified based on a ~~supposed~~ simulated cutting load distribution of said object; and

generating NC data to machine said object after said first portion of said object was machined.

2. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said first generating comprises:

generating NC data of said ~~supposed~~ simulated cutting load distribution of said object, and presenting said data to a user; and

accepting an input to specify said first portion from said user, and storing NC data of said first portion into a storage device.

3. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said first generating comprises:

generating data of said ~~supposed~~simulated cutting load distribution of said object; and

specifying a portion at which said ~~supposed~~simulated cutting load is higher than a predetermined reference, as said first portion, and storing NC data of said first portion into a storage device.

4. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said first portion is a portion at which a tool load is ~~supposed~~ simulated to be high compared with a portion of said object except said first portion.

5. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said second generating comprises generating NC data to machine said object after machining said first portion based on an object form after machining said first portion.

6. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said NC data to machine said object after machining said first portion includes NC data having higher feed rate than feed rare set when generating NC data of said ~~supposed~~ simulated cutting load distribution of said object.

7. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said NC data to machine said first portion is NC data for holing.

8. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said NC data to machine said first portion and said NC data to machine said object after machining said first portion are NC data for roughing.

9. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 1, wherein said first generating comprises, in a case where said first portion includes a plurality of highly loaded points, specifying a machining method for said plurality of highly loaded points based on a distance between said plurality of highly loaded points.

10. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 9, wherein, in a case where a distance between said plurality of highly loaded points is shorter than a predetermined distance, said machining method is a machining method to machine said plurality of highly loaded points together.

11. (Currently Amended) The computer-implemented ~~NC data generation~~ method as set forth in claim 9, wherein, in a case where a distance between said plurality of highly loaded points is equal to or longer than a predetermined distance, said machining method is a machining method to individually machine said plurality of highly loaded points.

12. (Currently Amended) A program embodied on a medium for causing a computer

to generate NC data for machining, said program comprising:

generating NC data to machine a first portion of an object, said first portion specified based on a ~~supposed~~ simulated cutting load distribution of said object; and

generating NC data to machine said object after said first portion of said object was machined.

13. (Currently Amended) The program as set forth in claim 12, wherein said first generating comprises:

generating data of said ~~supposed~~ simulated cutting load distribution of said object, and presenting said data to a user; and

accepting an input to specify said first portion from said user, storing data of said first portion into a storage device.

14. (Currently Amended) The program as set forth in claim 12, wherein said first generating comprises:

generating NC data of said ~~supposed~~ simulated cutting load distribution of said object; and

specifying a portion at which said ~~supposed~~ simulated cutting load is higher than a predetermined reference, as said first portion, and storing NC data of said first portion into a storage device.

15. (Currently Amended) The program as set forth in claim 12, wherein said data to machine said object after machining said first portion includes NC data having higher feed rate than feed rate set when generating NC data of said ~~supposed~~ simulated cutting load distribution of said object.

16. (Original) The program as set forth in claim 12, wherein said first generating comprises, in a case where said first portion includes a plurality of highly loaded points, specifying a machining method for said plurality of highly loaded points based on a distance between said plurality of highly loaded points.

17. (Currently Amended) An NC data generation apparatus for machining, comprising:

a first generator to generate NC data to machine a first portion of an object, said first

portion specified based on a ~~supposed~~ simulated cutting load distribution of said object;

a second generator to generate NC data to machine said object after said first portion of said object was machined; and

an output device to output said NC data to machine said first portion of said object, and said NC data to machine said object after said first portion of said object was machined.

18. (Currently Amended) The NC data generation apparatus as set forth in claim 17, wherein said first generator comprises:

a generator to generate NC data of said ~~supposed~~simulated cutting load distribution of said object, and presenting said NC data to a user; and

an input receiver to accept an input to specify said first portion from said user, and to store data of said first portion into a storage device.

19. (Currently Amended) The NC data generation apparatus as set forth in claim 17, wherein said first generator comprises:

a generator to generate NC data of said ~~supposed~~ simulated cutting load distribution of said object; and

a specifying unit to specify a portion at which said ~~supposed~~ simulated cutting load is higher than a predetermined reference, as said first portion, and to store NC data of said first portion into a storage device.

20. (Currently Amended) The NC data generation apparatus as set forth in claim 17, wherein said data to machine said object after machining said first portion includes NC data having higher feed rate than feed rate set when generating NC data of said ~~supposed~~ simulated cutting load distribution of said object.

21. (Currently Amended) The NC data generation apparatus as set forth in claim 17, wherein said first generator comprises[[,]] a specifying unit, which, in a case where said first portion includes a plurality of highly loaded points, specifies a machining method for said plurality of highly loaded points based on a distance between said plurality of highly loaded points.